

UNDERGRADUATE RESEARCH ASSISTANT IN MOLECULAR GENETICS

Lab description: The McCoy lab is focused on investigating genetic factors underlying orthopedic disease and performance in the horse. Current projects include identifying 1) risk genes for osteochondrosis; 2) early markers of post-traumatic osteoarthritis; and 3) genes involved in gait development.

Position description: General lab assistant responsible for routine tasks including DNA isolation from blood, hair, and cheek swab samples, and RNA extraction from tissue. Additional tasks on an as-needed basis depending on the project and individual interest and aptitude. For an interested individual, involvement with field sample collection would be considered.

Commitment and compensation: 8-10 hours per week. Timing (morning/afternoon/evening/weekends) is flexible, but must be in 3+ hour blocks due to the nature of the protocols in the lab. \$10/hr or class credit by enrolling in VM290.

To apply, please send a cover letter and resume/curriculum vitae to Dr. Annette McCoy at mccoya@illinois.edu.

Contact information:

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